INTERNATIONAL SEARCH REPORT

Int ional Application No PCI/IB2004/050373

A C C !!	70.770						
A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B27/10 G11B27/00							
According to	International Patent Classification (IPC) or to both national classification	tion and IPC					
	SEARCHED						
	cumentation searched (classification system followed by classification	n eumhals)					
Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B H04N							
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched							
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)							
EPO-In	ternal, WPI Data, PAJ						
C. DOCUMENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.				
А	GB 2 308 264 A (SAMSUNG ELECTRONI LTD) 18 June 1997 (1997-06-18) abstract page 1, line 5 - page 4, line 11	cs co	1-14				
A	figure 3 EP 0 729 153 A (HITACHI LTD) 28 August 1996 (1996-08-28) abstract	22	1–14				
	column 6, line 21 - column 7, lin figure 11 						
A	EP 0 817 480 A (MATSUSHITA ELECTR LTD) 7 January 1998 (1998-01-07) abstract page 2, line 5 - page 3, line 17 page 4, line 50 - page 6, line 14 figures 1,12		1–14				
Further documents are listed in the continuation of box C. Patent family members are listed in annex.							
° Special co	ategories of cited documents:						
"A" docum	ent defining the general state of the art which is not dered to be of particular relevance	*T* later document published after the inte or priority date and not in conflict with cited to understand the principle or th invention	the application but				
tiling date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone					
diation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-					
other "P" docum	ent referring to an oral disclosure, use, exhibition or means mean published prior to the international filing date but	ments, such combination being obvio in the art. *&* document member of the same patent	ous to a person skilled				
	han the priority date claimed actual completion of the international search	Date of mailing of the international sea					
1	9 July 2004	09/08/2004					
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer					
NL - 2280 HV Rljswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Sucher, R					

INTERNATIONAL SEARCH REPORT

In onal Application No
PCT/IB2004/050373

	 	<u> </u>	1 17 77	.004/ 0505/ 5
Patent document cited in search report	Publication date	Patent fan member(Publication date
GB 2308264	A 18-06-1997	CN 11584 JP 91820 NL 1004	163 B1 183 A ,B 126 A 741 C2 741 A1	15-10-1999 03-09-1997 11-07-1997 20-04-1998 12-06-1997
EP 0729153	A 28-08-1996	JP 82358 CN 11356 CN 12292 DE 696168 DE 696168 EP 07293 EP 09306 KR 2274 US 60028	072 A 235 A 345 D1 345 T2 53 A2 518 A2 117 B1 334 A 003 B1 .39 A1	30-09-2002 13-09-1996 06-11-1996 22-09-1999 20-12-2001 29-08-2002 28-08-1996 21-07-1999 01-11-1999 14-12-1999 23-10-2001 01-11-2001 28-12-1999
EP 0817480	A 07-01-1998	KR 2685 CN 14443 CN 11818 HK 10059	87 T2 80 A1 209 B2 46 B1 96 A 59 A ,B 72 A1	09-09-1999 30-03-2000 07-01-1998 19-04-1999 16-10-2000 24-09-2003 13-05-1998 07-04-2000 26-09-1996 17-11-1998